

PTO/SB/08A (04-03)

Approved for use through 04/30/2003. OMB 0651-0031

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Substitute for form 1449A-B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Complete if Known	
	Application Number	09/945,238
	Filing Date	August 31, 2001
	First Named Inventor	W r n r G. Kuhr
	Group Art Unit	1632 1637
	Examiner Name	Unassigned CM BAST
	Attorney Docket Number	407T-300200US
Date Submitted		

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TECH CENTER 1609/2900

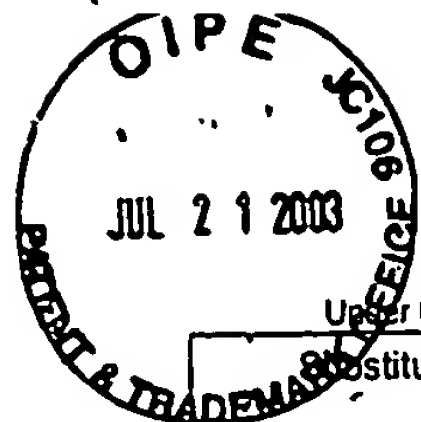
U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
AMB	01	5,595,215	A	KUHR et al.	09-28-1999	
I	02	5,650,061	A	KUHR et al.	07-22-1997	
I	03	5,861,287	A	METZKER et al.	01-19-1999	
AMB	04	5,427,911		RUANO	06-27-1995	

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)				
AB	05	WO	01/73429	A2	CLEMSON UNIVERSITY	10-04-2001		
AMB	06	WO	86/04926	A1	GENETICS INTERNATIONAL	08-28-1986		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T
CUB	07	Database CAPLUS, AN:2000:707577. BRAZILL, S. et al. Detection of Native Amino Acids and Peptides Utilizing Sinusoidal Voltammetry. Analytical Chemistry. 2000, Vol. 72, No. 22, pages 5542-5548.			
I	08	Database CAPLUS, AN:2000:326900. BRAZILL, S. et al. Development of an innovative detection strategy for DNA sequencing utilizing electrochemical labels. Book of Abstracts, 219 th ACS National Meeting, San Francisco, CA, 26-30 March 2000, ANYL-106 Publisher: American Chemical Society. See abstract.			
I	09	Database CAPLUS, AN:1999:539721. KUHR et al. Electrochemical detection of DNA in microfluidic systems. Book of Abstracts, 218 th ACS National Meeting, New Orleans, 22-16 August 1999, American Chemical Society, see abstract.			
I	10	Database CAPLUS, AN:1997:485790. SINGHAL, P. et al. Direct electrochemical sensing of underivatized bio-macromolecules and their component subunits. Book of Abstracts, 214 th ACS National Meeting, Las Vegas, NV, 7-11 September 1997, ANYL-042 Publisher: American Chemical society, see abstract.			
CUB	11	Database CAPLUS, AN:1996:159883. IHARA et al. DNA ligand – redox active molecule conjugates as an electrochemical DNA probe. Analytical Science & Technology. 1995, Vol. 8, No. 4, pp. 887-94; see abstract.			

Examiner Signature		Date Considered	11/21/05
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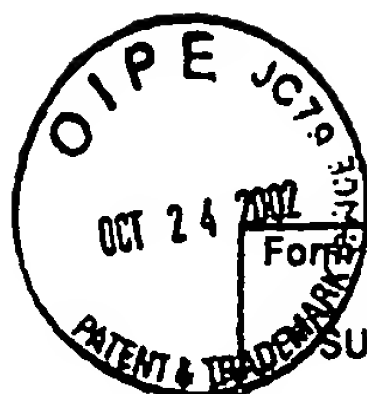
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am	12	Database CAPLUS, AN:2000:798083. LEI et al. DNA immobilization and bioelectronic detection based on conducting polymers. Abstr. Pap. - Am. Chem. Soc. 2000, 220 th , PMSE-314.	

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Form PTO-1449		Docket Number Optional 03768/09388 (15311)		Application Number 10/017,058								
SUPPLEMENTAL INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Applicant McDevitt, et al.		Filing Date December 14, 2001								
		Examiner Unknown		Group Art Unit 1637 CM Bobic								
U.S. PATENT DOCUMENTS												
EXAMINER INITIAL	DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)	
CW3	5	8	3	6	9	7	0	11/17/98	Pandit	606	213	
1	6	1	2	4	2	7	3	09/26/00	Drohan, et al	514	55	
CMB	6	1	5	6	3	3	4	12/05/00	Meyer-Ingold, et al	424	443	
FOREIGN PATENT DOCUMENTS												
	DOCUMENT NUMBER		DATE		NAME		CLASS		SUBCLASS		Translation YES NO	
CW3	EP 0468797		29.01.92		Koga, et al		A61L		15/40			
	EP 0823258		11.02.98		Tsubouchi		A61L		15/00			
	EP 0920875		09.06.99		Tsubouchi		A61L		15/32			
	GB 551713		08.03.43		Steel							
	GB 1090421		08.11.67		Aerosan Limited		A61I		15/00			
	WO 97/07273		27.02.97		Takashi		D04H		1/46		X - Abstract Only	
	WO 00/42958		27.07.00		Johnston, et al		A61F		13/00			
	WO 01/64132		07.09.01		Edwards, et al		A61F		13/00			
	WO 01/87267		22.11.01		Masters		A61K		9/10			
CW3	WO 02/051457		04.07.02		McDevitt, et al		A61L		15/32			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)												
CW3	Derwent Publications, Ltd., XP-002209006, August, 1979.											
1	Hirano, Shigehiro, et al, "The Preparation and Applications of functional fibres from Crab Shell Chitin," JOURNAL OF BIOTECHNOLOGY, vol. 70, no. 1-3, 1999, pgs. 373-377.											
CW3	Santin, et al, "In Vitro Evaluation of the Inflammatory Potential of the Silk Fibroin," JOURNAL OF BIOMEDICAL MATERIALS RESEARCH, vol. 46, no. 3, 1999, pgs. 382-389.											
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CMB	1	5,436,130		Mathies et al.	07-25-1995	
	2	5,650,061		Kuhr et al.	07-22-1997	
	3	5,958,215		Kuhr et al.	09-28-1999	
	4	6,110,709		Ausubel et al.	08-29-2000	
	5	6,270,973	B1	Lewis et al.	08-07-2001	
	6	6,297,018	B1	French et al.	10-02-2001	
	7	6,337,188	B1	Head et al.	01-08-2002	
	8	6,340,566	B1	McCutchen-Maloney	01-22-2002	
CMC	9	6,361,671	B1	Mathies et al.	03-26-2002	

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		Office	Number	Kind Code (if known)				
CMB	10	WO	00/42424	A1	The Regents of the University of California	07-20-2000		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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CMB	11	ANNE ET AL. (2001) "Synthesis of the First Ferrocene-Labeled Dideoxynucleotide and Its Use for 3'-Redox End-Labeling of 5'-Modified Single-Stranded Oligonucleotides." <i>Bioconjugate Chemistry</i> , 12: 396-405	
	12	ARMSTRONG ET AL. (2000) "Suspension Arrays for High Throughput, Multiplexed Single Nucleotide Polymorphism Genotyping." <i>Cytometry</i> , 40: 102-108	
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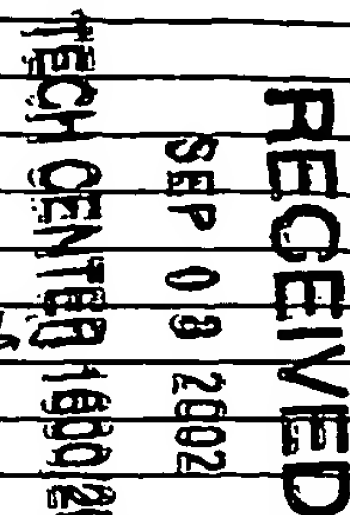
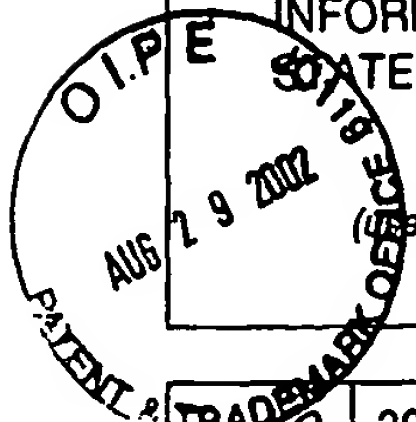
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29	GILLES ET AL. (1999) "Single nucleotide polymorphic discrimination by an electronic dot blot assay on semiconductor microchips." <i>Nat. Biotechnology</i> 17: 365-370

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CMB	30	HIRSCHHORN ET AL. (2000) "SBE-TAGS: An array-based method for efficient single nucleotide polymorphism genotyping." <i>Proc. Natl. Acad. Sci. U. S. A.</i> , 97:12164-12169	
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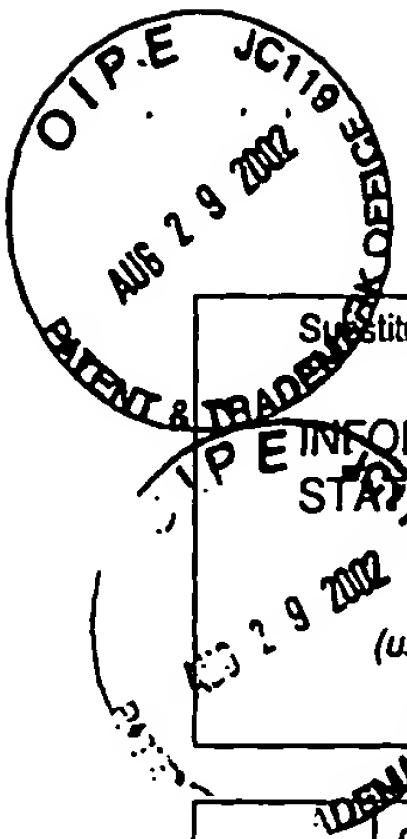
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45	Review Forum (1999) "Automated florescent DNA analysis." <i>Life Science News</i> 2:4-7 ABSTRACT	
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59	TIAN ET AL. (2001) "Capillary and Microchip Electrophoresis for Rapid Detection of Known Mutations by Combining Allele-specific DNA Amplification with Heteroduplex Analysis." <i>Clinical Chemistry</i> (Washington, DC, U. S.), 47: 173-185	
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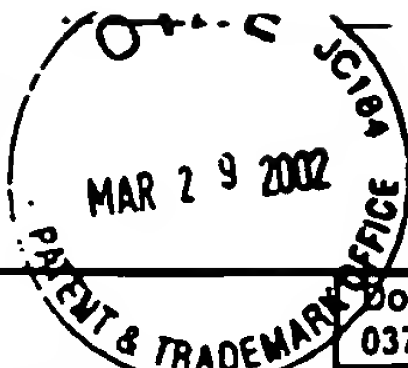
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60	WOOLLEY AND MATHIES (1994) "Ultra-high-speed DNA fragment separations using microfabricated capillary array electrophoresis chips." <i>Proc. Natl. Acad. Sci. U.S.A.</i> 91:11348-11352	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
CWB	Edwards, J. V. et al., "Synthesis and Activity of NH2- and COOH-terminal elastase recognition sequences on cotton," J. Peptide Research; 1999; 54:536-543.					
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Form PTO-1449		Docket Number Optional 03768/09388 (15311)		Application Number 10/017,058								
SUPPLEMENTAL INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Applicant McDevitt, et al.		Filing Date December 14, 2001								
		Examiner Unknown		Group Art Unit 1637 CM B&C								
U.S. PATENT DOCUMENTS												
EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CM	5	0	9	8	4	1	7	03/24/92	Yamazaki, et al.	604	304	
CM	6	1	3	6	3	3	4	10/24/00	Viegas, et al.	424	427	
FOREIGN PATENT DOCUMENTS												
		DOCUMENT NUMBER		DATE		NAME		CLASS		SUBCLASS		Translation YES
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)												
CM	Edwards, J. Vincent, et al, "Modified cotton gauze dressings that selectively absorb neutrophil elastase activity in solution," WOUND REPAIR AND REGENERATION, vol. 9, no. 1, 2001 U.S.A., pages 50-58.											
EXAMINER						DATE CONSIDERED 11/21/05						
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.												

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Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				Docket Number Optional 03768/09388 (15311)		Application Number 10/017,058	
				Applicant McDevitt, et al.		Filing Date December 14, 2001	
				Examiner Unknown		Group Art Unit 1654 1637 CM Babic	

U.S. PATENT DOCUMENTS												
EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CWS	6	0	4	0	2	5	1	03/21/00	Caldwell	442	123	
	5	9	5	1	5	0	6	09/14/99	Tsubouchi	602	48	
	5	9	2	8	1	7	4	07/27/99	Gibbins	602	41	
	5	9	0	2	6	0	8	05/11/99	Read, et al.	424	532	
	5	8	8	5	2	3	7	03/23/99	Kadash, et al.	602	48	
	5	8	7	4	1	6	4	02/23/99	Caldwell	428	306.6	
	5	8	5	6	2	4	5	01/05/99	Caldwell, et al.	442	76	
	5	8	3	0	4	9	6	11/03/98	Freeman	424	445	
	5	7	2	0	9	8	1	02/24/98	Eisinger	424	572	
	5	6	6	2	6	8	2	09/02/97	Chesterfield, et al.	606	228	
	5	6	5	3	9	9	4	08/05/97	Schneider, et al.	424	445	
	5	6	5	1	9	6	6	07/29/97	Read, et al.	424	93.72	
	5	5	3	4	2	8	8	07/09/96	Gruskin, et al.	427	2.31	
	5	4	6	0	9	3	9	10/24/95	Hansbrough, et al.	435	1.1	
	5	3	6	8	5	5	3	11/29/94	Newman	602	58	
	5	3	0	4	3	7	8	04/19/94	Koga, et al.	424	445	
	5	2	7	1	9	4	3	12/21/93	Bogart, et al.	424	484	
	5	2	3	4	6	9	0	08/10/93	Chiang, et al.	424	448	
	5	0	3	7	6	5	6	08/06/91	Pitt, et al.	424	443	
	CWS	5	0	1	9	0	9	3	05/28/91	Kaplan, et al.	606	228
4		9	9	1	5	7	4	02/12/91	Pocknell	128	156	
4		4	5	8	6	7	8	07/10/84	Yannas, et al.	128	155	
	4	4	1	8	6	9	1	12/06/83	Yannas, et al.	128	155	

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		

EXAMINER 	DATE CONSIDERED 11/21/05
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